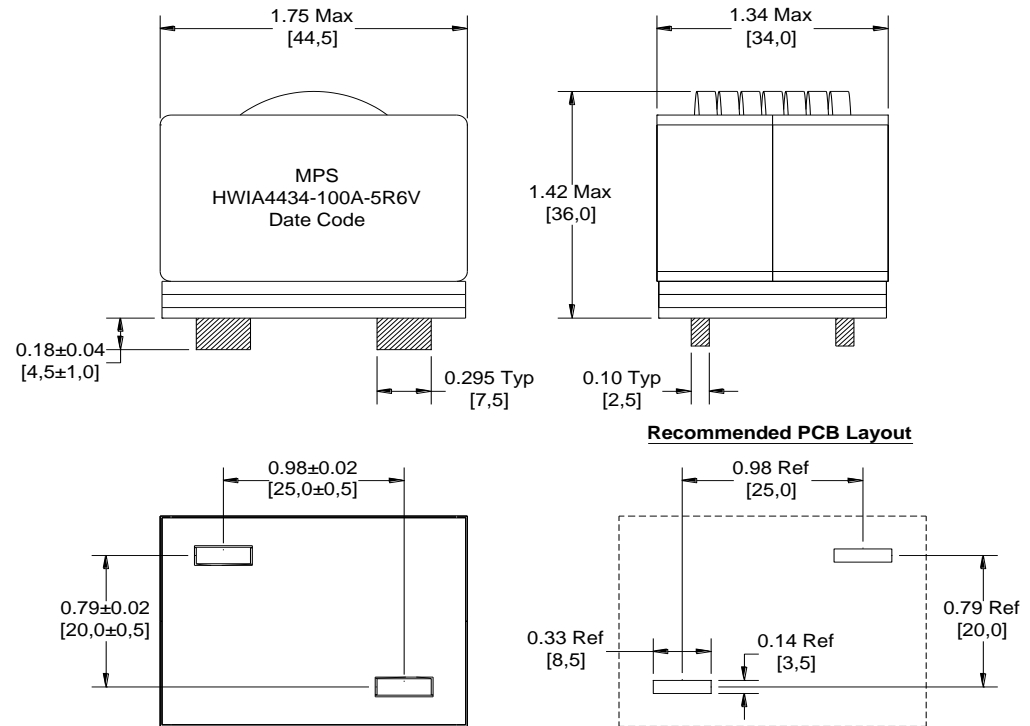


| Rev | Description | By | Date |
|-----|-------------------------|----|-----------|
| A | Released for production | AG | 13-Jul-20 |

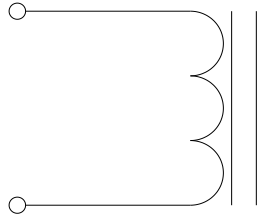
ELECTRICAL SPECIFICATIONS @ 25°C

L: 5.6μH±15% @ 10kHz, 1Vrms
 Isat: ΔL≤10% @ 115A
 ΔL≤30% @ 207A
 Irms: ΔT≤20°C @ 66A
 ΔT≤40°C @ 100A
 DCR: 0.7mΩ Max
 Hipot: 500Vdc, 1mA, 5s, wdg to core
 RoHS Compliant: Yes

DIMENSIONS



SCHEMATIC




MARKING

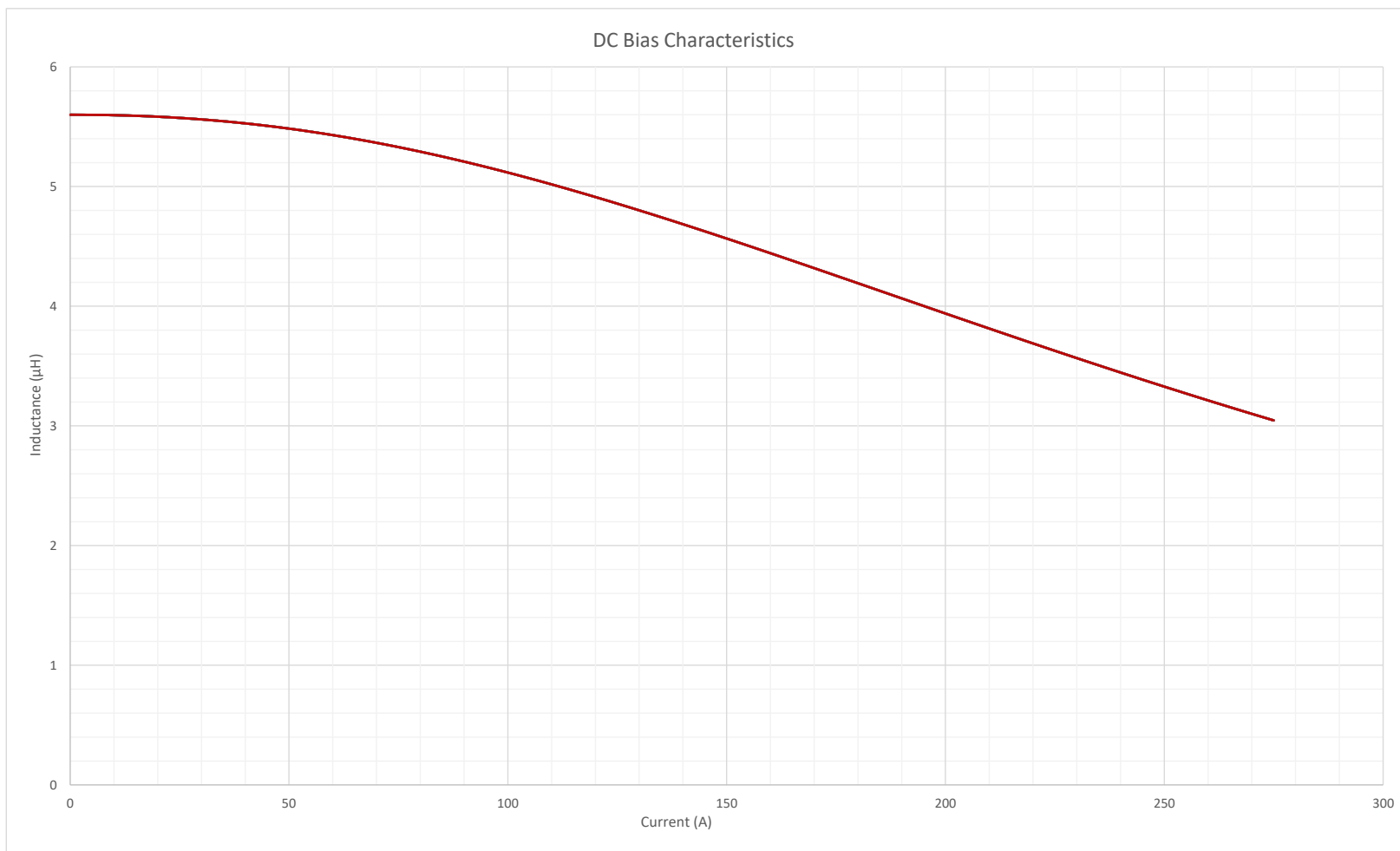
MPS
 HWIA4434-100A-5R6V_REV#
 Date Code

Dimensions: inch/mm

| | | | |
|---|--------------------------|----------|------------------------|
| Notice of Proprietary Property These drawings and specifications are the property of MPS and shall not be reproduced, copied or used as the basis of manufacture of sale of apparatus without express written authorization | | | |
| Dimensions Unless otherwise specified .XX ± .010" [0,254mm] .XXX ± .005 [0,13mm] | DRAWN BY: CHECKED BY: | AG AY | 13-Jul-20 13-Jul-20 |

| | | | |
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|  MPS INDUSTRIES, INC. www.mpsind.com Tel: (310) 325-1043 Fax: (310) 325-1044 | | Description | |
| | | HEW Inductor | |
| Part Number | | REV | |
| HWIA4434-100A-5R6V | | A | |
| WEIGHT: XX gms | | SHEET: 1 OF 2 | |

| Rev | Description | By | Date |
|-----|-------------------------|----|-----------|
| A | Released for production | AG | 13-Jul-20 |



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|--|--|----------|------------------------|

| | |
|--|-----------------|
| Description HEW Inductor | |
| Part Number HWIA4434-100A-5R6V | REV A |
| WEIGHT: XX gms SHEET: 2 OF 2 | |